

REMARKS

The Examiner is thanked for the careful examination of this application. However, in view of the following remarks, the Examiner is respectfully requested to reconsider and withdraw the outstanding rejections.

Claims 1-32 are pending in this application, with Claims 1, 4, 11, 13, 19, 23, 31 and 32 being independent.

Claims 1, 3, 11, 19, 21, 22 and 31 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,513,159 B1, hereinafter *Dodson* in view of U.S. Patent No. 5,794,052, hereinafter *Harding*. Claims 2, 12 and 20 are rejected under 35 U.S.C. § 103(a) as being unpatentable over *Dodson* in view of *Harding* and further in view of U.S. Patent No. 6,081,850, hereinafter *Garney*. Claims 4, 5, 10, 13, 14, 23, 24, 29, 30 and 32 are rejected under 35 U.S.C. § 103(a) as being unpatentable over *Harding* in view of *Dodson*. Claims 6-8, 15-17 and 25-27 are rejected under 35 U.S.C. § 103(a) as being unpatentable over *Harding* in view of *Dodson* and further in view of U.S. Patent No. 6,148,346, hereinafter *Hanson*. Claims 9, 18 and 28 are rejected under 35 U.S.C. § 103(a) as being unpatentable over *Harding* in view of *Dodson* and further in view of *Garney*.

Dodson

Dodson discloses an automatic installation program that runs on a computer. The automatic installation program includes a system evaluator and a drive evaluator. The system evaluator determines what drivers are installed on the computer. If it is determined that a necessary driver is not installed on the computer, the installation program connects to a driver source location and installs or updates

the drivers as needed. The drivers to be installed/updated are determined based on the platform configuration and version.

Harding

Harding discloses a method for installing software referred to as the modular approach (column 4, line 27). The modular approach entails installing a compressed operating system (MS-DOS) and the graphical interface (MS-Windows) onto the hard disk drive first and then the device drivers (column 7, lines 45-47). The installation of the device drivers, applications, and utilities typically requires that certain changes be made to the configuration files or Windows directory (column 4, lines 48-50). To implement the modular method, the computer manufacturer loads each individual device driver, application and utility separately. Each individual driver, application or utility is referred to as a single module (column 4, lines 52-56). Any changes that are made to any of the files or directories resulting from installing a module are recorded into a separate file associated with that module (column 4, lines 64-67).

Harding discloses a situation where the computers are shipped to persons speaking different languages. Problems arise when installation prompts on the computer are in a language different than that spoken by the user. Therefore, as described beginning in column 6, line 16 of *Harding*, prior to shipping, the computer manufacturer installs modules of MS-DOS and Windows for every available language desired as an option. Those modules (device operating system and graphical interface) are compressed since multiple uncompressed copies in various languages would require large amounts of hard disk space. Also, various device

driver modules corresponding to the installed hardware components in the computer system model being shipped are exploded and downloaded onto the computer system's hard disk drive (column 6, lines 25-28). After startup, the end user is prompted to select a language and corresponding keyboard configuration. Upon selection of a language, the software setup program begins converting the operation language of the computer system to the user selected language (column 6, lines 42-44). That is, the user selected language versions of the DOS and Windows module are exploded (column 6, lines 45-46). However, any files that are independent of the operating language chosen are also exploded and downloaded by the computer manufacturer (column 6, lines 68-61). As stated in column 7, lines 22-26, "[s]ince the device driver files are independent of the user selected language, they are installed at the factory to minimize later setup time. There are no corresponding files for the device driver files in the use selected language versions of DOS and Windows." That is, *Harding* does not disclose different versions of the device driver files corresponding to different languages.

Rejection over *Dodson* in view of *Harding*

Independent Claims 1, 3, 11, 19, 21, 22 and 31 are rejected over *Dodson* in view of *Harding*.

Claims 1, 11, 19 and 31 define subject matter including features that generally relate to referring regional information that is set in a computer terminal in advance, selection of one of multiple printer drivers stored on the recording medium on the basis of the referred regional information, the multiple print drivers corresponding to

multiple different regions, respectively, and installation of the selected printer driver on the computer terminal.

As recognized in the Official Action, *Dodson* does not disclose the claimed subject matter relating to referring regional information set in a computer terminal in advance or multiple printer drivers corresponding to multiple different regions, respectively. *Harding* is relied upon for disclosure of that subject matter.

However, the device drivers mentioned in *Harding* are specifically disclosed as not corresponding to different languages. As noted above, in column 7, lines 22-27 *Harding* states that “the device driver files are independent of the user selected language, they are installed at the factory to minimize later setup time. There are no corresponding files for the device driver files in the user selected language versions of DOS and Windows” (emphasis added). Based on that disclosure, a skilled person would not have understood *Harding* to teach that the device drivers correspond to different languages, never mind different regional settings. Therefore, *Harding* does not disclose multiple print drivers corresponding to multiple different regions, respectively, as defined by Claims 1, 11, 19 and 31. For at least that reason, the rejections of Claims 1, 11, 19 and 31 are deficient and should be withdrawn.

Claims 3, 21 and 22 depend from Claims 1 and 19 and are therefore allowable for at least the same reasons and also because they define features that additionally define over the cited documents.

Rejections over *Harding* in view of *Dodson*

Claims 4, 5, 10, 13, 14, 23, 24, 29, 30 and 32 are rejected over *Harding* in view of *Dodson*.

Claims 4, 13, 23 and 32 define combinations of features generally related to referring regional information that is set in a computer terminal in advance, selection of a piece of setup information from multiple pieces of setup information stored on the recording medium on the basis of the referred regional information, the multiple pieces of setup information corresponding to multiple different regions, respectively, and installation of a control program contained in the printer driver and the selected piece of setup information from the recording medium onto the computer terminal. That subject matter relating to setting information is discussed on page 18 of the present specification with regard to the flow chart shown in Fig. 7. There it is stated that at step S201 it is judged whether the United States is assigned in the regional information, and at step S202-S204 information for setting and displaying the printing condition are selected. That information for setting and displaying the printing condition are, for example, the unit system, the paper dimensions, and the language to be used.

The Official Action relies on *Harding* for a disclosure of all the features defined by Claims 4, 13, 23 and 32 except those relating to installing a printer driver. *Dodson* is relied upon for a disclosure of installation of a printer driver.

The rejections of Claims 4, 13, 23 and 32 are deficient at least because *Harding* does not disclose the claimed subject matter relating to selection of a piece of setup information from multiple pieces of setup information stored on a recording medium on the basis of the referred regional information. For a disclosure of that claimed subject matter, the Official Action directs attention to column 6, lines 41-51 of *Harding*, and specifically the discussion relating to batch files. However, the batch files are not setup information as referred to in the claims (e.g., unit system, paper

dimensions, or language to be used), and are rather software programs. As stated in column 6, lines 42-47 (cited in the Official Action), "the software setup program begins converting the operating language of the computer system to the user selected language by running the appropriate batch file for the selected language, which explodes the user selected language versions of the DOS and Windows modules" (emphasis added). It is clear from that statement that the batch files are programs that operate to explode the compressed DOS and Windows files and are not setup information as defined by the claims, e.g., the unit system, the paper dimensions, and the language to be used. For at least that reason, the rejections of Claims 4, 13, 23 and 32 are deficient and should be withdrawn.

Claims 5, 10, 14, 24, 29, and 30 are allowable at least by virtue of their dependence from allowable independent Claims 4, 13 and 23, and also because they define features that additionally define over the cited documents.

Dependent Claims

Claims 2, 6-9, 12, 15-18, 20 and 25-27 are rejected over *Harding* and *Dodson* in view of various secondary references. Claims 2, 6-9, 12, 15-18, 20 and 25-27 depend from Claims 1, 4, 11, 13, 19, and 23 and the secondary references do not remedy the deficiencies of the rejections of Claims 1, 4, 11, 13, 19, and 23. Therefore, Claims 2, 6-9, 12, 15-18, 20 and 25-27 are allowable for at least the same reasons.

Conclusion

In view of the foregoing information, the Examiner is respectfully requested to reconsider and withdraw all the outstanding rejections of the claims.

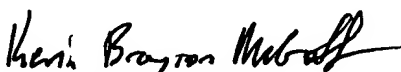
In the event that there are any questions concerning this Amendment, or the application in general, the Examiner is respectfully urged to telephone the undersigned attorney so that prosecution of the application may be expedited.

Respectfully submitted,

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(INCLUDING ATTORNEYS FROM BURNS DOANE SWECKER & MATHIS)

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